

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55893 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 9 2012

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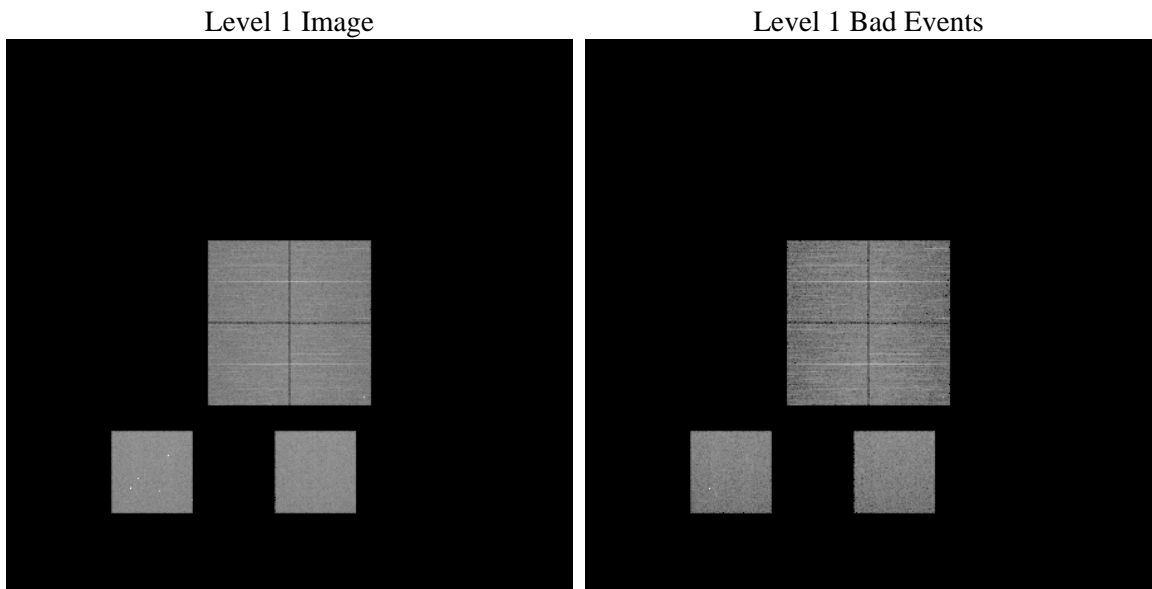
1 Front

seq_num	 	Sequence number
obs_id	55893	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	21.600089540012	Nominal RA [deg]
dec_nom	27.180627319482	Nominal Dec [deg]
roll_nom	251.22012289249	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8213.2315030694	Sum of GTIs [s]
livetime	8109.2306203633	Livetime [s]
ontime0	8213.1904630661	Sum of GTIs [s]
ontime1	8213.1494230628	Sum of GTIs [s]
ontime2	8213.1083830595	Sum of GTIs [s]
ontime3	8213.2725430727	Sum of GTIs [s]
ontime5	8213.0673430562	Sum of GTIs [s]
ontime7	8213.2315030694	Sum of GTIs [s]
l2events	390493	Number of level 2 events

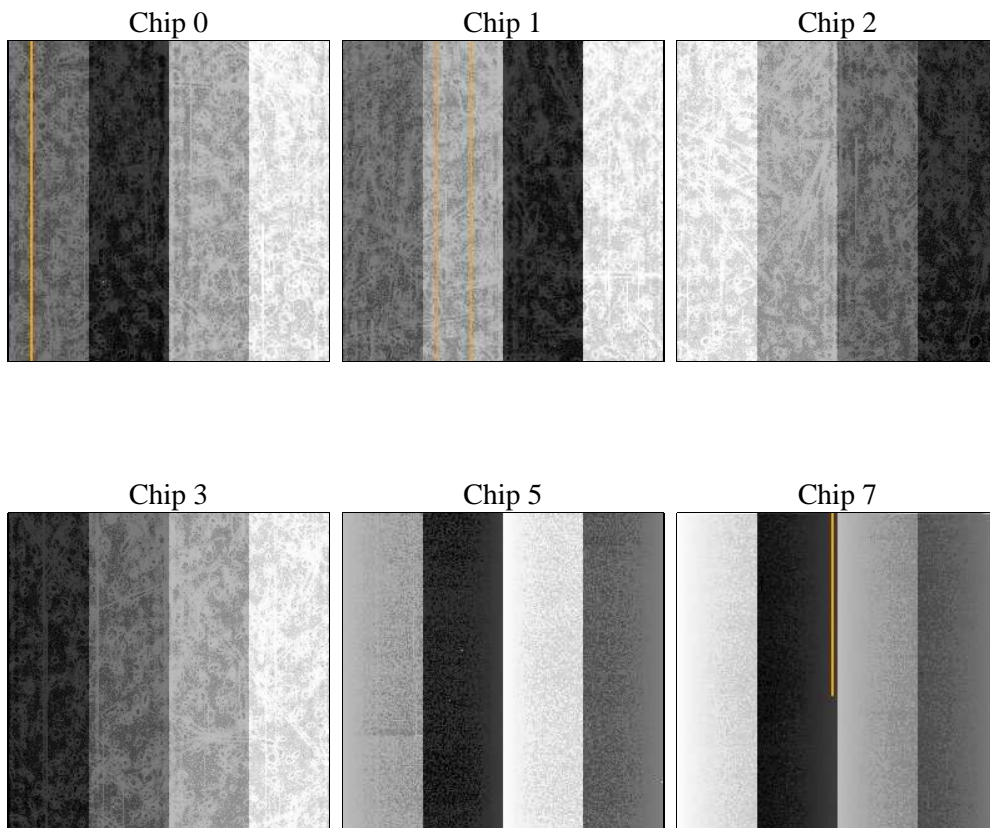
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8213.2315030694	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8213.1904630661	Sum of GTIs [s]
date	2012-07-09T18:29:07	Date and time of file creation	ontime1	8213.1494230628	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8213.1083830595	Sum of GTIs [s]
			ontime3	8213.2725430727	Sum of GTIs [s]
			ontime5	8213.0673430562	Sum of GTIs [s]
			ontime7	8213.2315030694	Sum of GTIs [s]
			l1events	797601	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	115224	117382	119727	123218	164754	157296	grade 0 events	30147	29953	30615	32082	16034	15835
rejected events	58730	59944	63078	64976	68105	66418		26%	25%	25%	26%	9%	10%
rejected %	50%	51%	52%	52%	41%	42%	grade 1 events	213	153	236	222	182	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	10206	10920	10087	10148	33516	20000
								8%	9%	8%	8%	20%	12%
							grade 3 events	3929	3811	3964	3911	3932	8352
								3%	3%	3%	3%	2%	5%
							grade 4 events	3797	3819	3880	4015	3748	8319
								3%	3%	3%	3%	2%	5%
							grade 5 events	3890	3838	3711	4227	9036	10538
								3%	3%	3%	3%	5%	6%
							grade 6 events	8682	9212	8361	8348	39834	38820
								7%	7%	6%	6%	24%	24%
							grade 7 events	54360	55676	58873	60265	58472	55288
								47%	47%	49%	48%	35%	35%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	21.60008954001212
[deg] Pointing Dec	0	27.18062731948194
[deg] Pointing Roll	0.0	251.2201228924866
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	405751065.27924	405751065.27924
Observation start date	2010-11-10T04:37:45	2010-11-10T04:37:45
[s] Observation end time (MET)	405763838.096888	405763838.096888
Observation end date	2010-11-10T08:10:38	2010-11-10T08:10:38
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2132315030694

A.2 Comments